

## **AMENDMENTS TO CLAIMS**

Claims 1-37: canceled.

38. (original) The method of Claim 23 wherein said device is irreversibly switchable from a first chemical state to a second chemical state of said bi-stable molecule.

39. (original) The method of Claim 23 wherein said device is reversibly switchable between a first chemical state and a second chemical state of said bi-stable molecule.

40. (original) The method of Claim 23 wherein said connector species comprises a layer of said bi-stable molecules.

41. (original) The method of Claim 40 wherein said layer of said bi-stable molecules has a thickness of a monolayer of said bi-stable molecules.

42. (original) The method of Claim 23 wherein said connector species is selected from the group consisting of metallocenes, rotaxanes, pseudo-rotaxanes, and catenanes.

43. (original) The method of Claim 34 wherein said device is irreversibly switchable from a first chemical state to a second chemical state of said bi-stable molecule.

44. (original) The method of Claim 34 wherein said device is reversibly switchable between a first chemical state and a second chemical state of said bi-stable molecule.

45. (original) The method of Claim 34 wherein said connector species comprises a layer of said bi-stable molecules.

46. (original) The method of Claim 45 wherein said layer of said bi-stable molecules has a thickness of a monolayer of said bi-stable molecules.

47. (original) The method of Claim 34 wherein said connector species is selected from the group consisting of metallocenes, rotaxanes, pseudo-rotaxanes, and catenanes.